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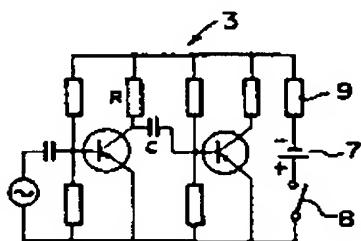
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**JP64001400**  
**HEARING AID**  
**MARX GUENTER**  
**Inventor(s): MARX GUENTER**  
**Application No. 63080206 , Filed 19880331 , Published 19890105**

### Abstract:

**PURPOSE:** To surely interrupt the power supply when the hearing aid is not in use by including a switch that responds to a state change during removal of the hearing aid or during mount of the hearing aid and that is placed at a location being exposed in the state change to an automatic switching means.

**CONSTITUTION:** A temperature sensing switch 9 is placed to a side wall 10 of a housing 1 so that the temperature sensing switch 9 is closely in contact with a head of the user when the hearing aid is

mounted behind the external ear of the user. In the case that the user dismounts the hearing aid without the operation of a switch 8, since the heat supply from the skin of the user to the temperature sensing switch 9 is interrupted, the temperature of the temperature sensing switch 9 is decreased, and since the temperature reaches a switch response temperature or below at which a power supply 7 is disconnected from an amplifier 3, undesirable discharge from the power supply is prevented. The temperature of the temperature sensing switch 9 reaches the response temperature in a very short time as above, the switch 8 is not entirely in use and the on-off control device of the hearing aid is controlled by only the temperature sensing switch 9.

**Int'l Class:** H04R02502 H04R02504

**Priority:** DE 87 8704763 19870331 DE 87 3716162 19870514 DE 87 3742529 19871216

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